

Granby Energy Committee
2019 1st Quarter Report to Selectboard
January 1 to March 31, 2019

1) FY 2018 Green Community Grant

- a) Grant in the amount of \$248,702 received by the Town. This is in addition to another \$40,373 from National Grid and \$8,400 from Columbia Gas for energy incentives.
- b) Selectboard signed a contract on September 17, 2018 with Pioneer Valley Planning Commission (PVPC) to help with the administrative reporting at a cost of \$6,375.
- c) The Town has purchased on its own two new furnaces and air conditioners which are Energy Star certified.**
- d) All projects were physically completed by February 1. They are**
 - i) COA**
 - (1) Honeywell Wireless Thermostats**
 - (2) Weatherization**
 - (3) LED Lighting**
 - (4) BERT (Best Electronic Response Technology) devices**
 - ii) DPW**
 - (1) Weatherization**
 - (2) LED Lighting**
 - (3) BERT (Best Electronic Response Technology) devices**
 - iii) Old Library**
 - (1) Weatherization**
 - (2) LED Lighting**
 - (3) BERT (Best Electronic Response Technology) devices**
 - (4) Heat Pump**
 - iv) Public Safety Complex**
 - (1) LED Lighting**
 - (2) Building Retro-Commissioning**
 - (3) Electronically Commutated Pumps**
 - (4) Demand Control Ventilation**
 - (5) BERT (Best Electronic Response Technology) devices**
 - (6) Insulate Pipes, Valves & Fittings**
- e) No updated LED lighting is scheduled for the Jr./Sr. High School because the School Committee/School District did not supply the Energy Committee with their requested requirements by February 14, 2019. As a result, in order to meet the Mass DOER submission date, no updated LED lighting for the Jr./Sr. High School will be included since they need a customized lighting plan with justification.**

2) Electric Vehicle (EV) Chargers – through Mass Department of Environmental Protection (DEP) Electronic Vehicle Incentive Program (EVIP) and Volkswagen (VW) Grants

a) Workplace Charging

i) Public Safety Complex -

(1) This grant is for workplace chargers to be used only by municipal employees or municipally owned vehicles.

(2) We have applied for 4 EVSE, LLC chargers Model 3722 to be used by the Granby Police Department.

(3) The funds for the installation are in place and the installer has been asked to order the parts needed for the installation.

b) Public Access Charging

i) The chargers will be located at the New Library. National Grid needs to review and approve the site prior to the application being filed. National Grid will do the installation at no cost to the Town.

ii) Application for this grant was submitted on March 18, 2019 which is the deadline for applying. We are waiting Mass DOER's approval.

c) VW Open Solicitation

i) The Town is allowed up to \$500,000 for this project. The Town can potentially purchase an F350 Alternate Fuel Vehicle for the Facilities Director. In addition, the Town can purchase an off-road vehicle for the DPW.

ii) The grant will pay up to 80% of the vehicle cost.

d) Schools – Massachusetts School Building Authority (MSBA) Grant

i) This grant is for four (4) EVSE Model 3704 EV Chargers

ii) The four chargers are operational electronically

3) Municipal Energy Technical Assistance (META) Grant Program

a) Application approved effective November 8, 2018 in the amount of \$12,500. A letter has been received from Boston saying we are authorized to use money. PVPC will create RFPs and send any other reports after the holidays. A decision is to be made on the RFPs by the end of January 2019.

b) Energy Committee Recommendations –

i) A qualifying study to determine efficacy and scope of building retro-commissioning for the Public Safety Complex

(1) Currently included in FY2018 Green Community Grant Application

ii) The heating system conversion engineering study and/or bid specification for the Jr./Sr. High School

iii) Consultant support to apply International Performance Measurement & Verification Protocol (IPMVP) to Green Community energy usage data for communities with the following circumstances – newly functioning ventilation; and/or significant changes in operating hours as the Town will no longer be paying rent on the annex and moving the departments to the Carnegie Building.

April 1, 2019

- (1) Currently included in FY2018 Green Community Grant Application
- c) Projects for this Grant must be completed by May 31, 2020
- d) No RFPs were received. Jay Joyce spoke with Boston and received permission to select an alternate project.**

4) Municipal Vulnerability Plan (MVP) Study

- a) \$15,000 awarded to Granby to study its vulnerabilities to climate change
 - i) PVPC to start Study shortly
 - ii) On September 17, 2018 Selectboard authorized Chris Martin to sign an MVP standard contract not to exceed \$15,000, which authorized PVPC to be our MVP study group subcontractor.
 - iii) Initial meeting to be scheduled with the findings to be used for the Yearly Mass Works Grant**
 - iv) An 8-hour workshop was held on March 9. PVPC is our consultant conducting the workshop. The leaders of the MVP grant are Jay Joyce, Chris Martin and Dave Desrosiers.**
 - v) A public meeting will be held in conjunction with the April 1 Select Board meeting. PVPC will present their results from the March 9 workshop.**

5) Net Zero Energy for Proposed New Municipal Town Hall & Senior Center

- a) Waiting for the Governor to release the \$4 million bond
- b) Energy Committee to research what Net Zero Energy incentives are available
- c) Still waiting for the Governor to release the \$4 million bond.**

6) Energy Reduction Plan (ERP)

- a) We have entered into a contract with an approved Mass DOER vendor (PVPC) to update the Town's initial Energy Reduction Plan (ERP) to include the new library
- b) Completed and was included as a subcomponent of the Green Community FY2018 report. Closure pending approval of FY2018 report by Mass DOER.**
- c) Verbal approval received from Jane Pfister of Mass DOER.**

7) LED Street Lights

- a) National Grid offers a free program to replace streetlights from sodium to LED in the entire town**
- b) Chris Martin and Jay Joyce met with a National Grid representative and reviewed all the existing sodium lights in town.**
- c) LED replacement bulbs are on order and will start being replaced January 2019**
- d) Once the conversion is complete the town will be using 2/3 less energy in the streetlights**
- e) Installation of the LED replacement bulbs has begun. Currently half completed by National Grid.**

April 1, 2019

8) FY 2019 Green Community Grant

a) A total of \$250,000 Energy Conservation Measures (ECM) were requested in the FY2019 Green Community Grant application. These include:

i) DPW – Heat Pump

ii) Dufresne Park – Install LED Lighting

iii) New Library – LED Lighting, Building Retro-Commissioning, Install Condensing Boilers Holding Tank, BERT (Best Electronic Response Technology) devices

iv) Public Safety Complex - Weatherization

v) Led Lighting and Weatherization

b) Select Board approved selection of ECMs at their March 4, 2019 meeting and signed the application at their March 18, 2019. Application submitted by Jillian DeCoursey at PVPC to Mass DOER on March 22, 2019.

9) Granby Municipal Utility

a) Article 1 was postponed at the February 4, 2019 Special Town Meeting. Nothing more can be done with this project until the voters approve the article when it is brought forward again.

10)Cooley Park and Green Meadow Lane (Sand Plains State Park) Land

a) The Parks Committee has requested Cooley Park become a municipal solar field. This is postponed until an article is brought before the voters to approve a Granby Municipal Utility.

b) Sand Plains State Park – The Energy Committee should work with the Economic Development Committee to recommend acquiring this land in conjunction with creating a Granby Municipal Utility. This is postponed until an article is brought before the voters to approve a Granby Municipal Utility.

Jay Joyce

Chairperson,
Granby Energy Committee

Members = Lilian Camus (Secretary), Robert Camus, and Lenny Haflich
Alternates = Jeffery Skelskie and Mark Vincelette

Prepared By – Lilian Camus